

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [5324] "The Decline of the Mod"
Message-ID: <19961130.093312.7735.10.n4so@juno.com>

In QST magazine Dec. 1996, page 88, Neil
Friedman, N3DF writes an opinion page on the decline of radio
modifications and I thought of all the mods done by the QRP gang.

Did anyone read the OP-ED page? Comments?
Neil's address is:
Neil Friedman
4920 Meredith Way Apt 304
Boulder, CO 80303

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Pete Rossi <wa3nna@resuba.com>
Subject: [5336] AN UNUSUAL QRP BEACON REPORT
Message-ID: <199611302124.QAA16586@resuba.com>

This is directed to all of you who have been copying the QRP beacon that I
am running this weekend. I got this strange/silly idea earlier this
afternoon, and figured .. Why not? What else is there to do on a cold
and rainy afternoon?

So.. here is what I did...

I put my OHR-400 on the front seat of the car and connected it to the
6 meter 1/4 wave wip I have on the trunk... and drove around for a little
bit to see what I could hear of the beacon.

Now, mind you, listening to 40 meters with a 4 foot long wip (with no tuner)
is FAR from ideal conditions.. But I really had no idea what to expect.

I was able to copy the 200 uW beacon as far as about 1 1/2 miles from my
house before I lost it in the noise. Let's see.. that comes to about
7500 miles/watt.

It was odd to note how the signal faded in and out as I moved about. More

than once, as I drove further from my house the signal got a bit stronger before it died completely.

I could hear a few other signals on the band. Not many, but a few. There was virtually no background noise, however, in a few spots, I had to pull over and turn off the engine since I was getting a slight trace of alternator whine with the volume on the OHR-400 cranked up all the way.

Several times I could hardly tell the difference between 2 mW and 630 uW and then 630 uW and 200 uW. Seems like a step much less than 5 dB would be hard to detect by ear... at least in this case.

Just thought I would pass along *my* beacon report :-). Hey, do I qualify for a certificate? .. from my own beacon? :-). Guess not.

Good luck searching for the beacon.

Pete Rossi - WA3NNA
wa3nna@resuba.com

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Steve Bornstein <sabornsb@freenet.columbus.oh.us>
Subject: [5353] Builders Report on LDG QRP Tuner (long)
Message-ID: <Pine.3.07.9611302243.A14033-c100000@login>

Hello Gang,

I just finished testing my new LDG QRP Autotuner. Let me give you the bottom line first. For testing purposes I used my OHR-400 and two antennas. First I checked the loading on all bands (80, 40, 30, 20) into a 30 meter dipole. The tuner achieved a 1.5 : 1 match in less than 3 seconds. Next I used my Mosley tribander. The tuner also achieved 1.5 : 1 in less than three seconds. It's a great little gadget fellows.

The current draw of the tuner depends on the number of relays energized. LDG states that the maximum draw is about 190 ma with all relays energized, but average current draw is about 75 ma. In the semi-auto mode the processor goes to sleep and will save about 10 to 15 ma.

The kit comes with all board mounted components and is priced at \$106 to my door. You will need to purchase two toggle switches, five momentary push button switches, four LEDs, two SO-239 connectors, and a power jack. to complete the kit utilizing all features. I mounted the board in a Ten-Tec TP-45 aluminum enclosure since it is the same size (or very close) as the Sierra. Since the board is 4 5/16 x 4 3/8 it will easily mount inside many

QRP rigs if that is your desire. I opted for a stand alone enclosure since I intend to use it with several rigs.

Construction is very straight forward. The tuner uses 17 relays and 8 toroids plus one bifilar wound transformer used in the pickup. There is a 14 pin header and cable provided to run to the panel switches and LEDs. I would say the board can easily be completed in an evenings work.

Alignment only takes a couple of minutes and all that is needed is a rig, dummy load, and voltmeter. You first null the pickup and then set two pots to set the analog to digital inputs to 2.50 volts. That's it!

I had one small problem (I can say that now that it's solved) in getting the tuner operational. The symptom was continuous tuning. After checking every trace and solder connection - no problems found. I came to the conclusion that the problem was that there must have been a speck of dirt that kept one of the contacts in the processor socket from making good contact. I replaced the processor and the unit worked fb.

LDG states that future upgrades of the 68HC11 chip will be available for "about" 10.00 with a chip trade in.

Well, that just about does it. In my opinion the LDG QRP Auto tuner is a very good value and goes together quite easily.

73, Steve K8IDN QRP-L The usual disclaimer applies

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)
Subject: [5337] CMOSIII IS BACK!
Message-ID: <199611302116.QAA10926@mime4.prodigy.com>

My CMOSIII quit in the middle of CW SS Contest.....wouldn't playback messages but I could retrieve them via the Query mode. Tried everything. All resistance and voltage checks were good...no wiring problems. Must be the chips??? Sent them back to Idiom. Chips tested OK but they confirmed a data corruption problem in the EEPROM which they cleared out. They then informed me that I could do the same with a new command which resets ALL settings. Pressing buttons 1,2,3,4 and 6 simultaneously does it! Inserted the chips and all's well again. For other CMOSIII owners you might want to records this command in your manual for possible future use.

73 N
Floyd Phoenix ScQRPion

7
X

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: "W. D. (Doc) Lindsey" <70511.3041@CompuServe.COM>
Subject: [5321] Deliberate QRM on 30M
Message-ID: <961130152157_70511.3041_IHD61-1@CompuServe.COM>

Gang:

My ears are still ringing from a strange/unsettling situation on 30 metres.

I was just now on the very low end of 30 metres, trying to return CQ's from both SM3VDW and a couple of minutes later, OH1LHS. Was not able to connect with either station, unfortunately.

But as I was amaking my attempts, suddenly a fairly strong signal broke right on top of me, saying something about "Get off the frequency. You'll never through with that..."

I was stunned, and quickly typed "QRU?". Of course he did not reply. Now this could have been some local ham just joking around. But none of the guys I know here locally work 30 as far as I know, and they would have far stronger than 579, I guess.

The guy might have convinced me, except that I *had* gotten out last evening to PY0F/PP1CZ and RK0QXY on 30 (OHR 40/20 Classic at 4 watts) --plus a Cuban somewhat later on 40 (with the Norcal 40). Guess that's getting out, somewhat!

Anybody else encountered this kind of unnecessary, rude--illegal, even--behviour?

Note: Just because I am paranoid doesn't mean this episode *didn't* occur!

72/73,
--Doc/K0EVZ

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [5314] DX in the Novice Bands

Message-ID: <19961129.224444.6967.2.kb0rol@juno.com>

Gang,

I keep hearing about all the DX that people are getting and I was just wondering. Where can I find the frequency allocations for DX countries? Is there any cross over between the US novice frequencies and any DX? Or is this another reason to upgrade and until I do that I'm stuck.

Thanks

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: James Wiedle <anjmw@UAA.ALASKA.EDU>
Subject: [5316] DX-PEDITION (SORT OF) Questions
Message-ID: <329FE13A.5A32@uaa.alaska.edu>

Hello to all in the group;

I'll be taking a 2 week voyage to V01 land next month and am trying to rustle up some amateur gear out of my closet. I'm faced with somewhat of a quandry. I'm hoping those of you in the group with some experience with expeditions can point me in the right direction.

Heres the equipment I have:

Yaesu FT840
MFJ 9420
MFJ 9040
MFJ 971 Tuner

I'm wondering if I should go for weight over functionality! The 9420 is a QRP rig and covers 20 which should be popular most of the day. Of course, the FT840 covers all the bands and could be "Shudder!" cranked up if need be.

The 9040 is 40 only and probably will be alright too, I guess.

I also have a question about transporting sealed batteries. Has anyone ever transported sealed-lead acid batteries in the luggage while

Your input would be greatly appreciated!

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: "Laura" <sputnik@imt.net>
Subject: [5328] Fw: Deliberate QRM on 30M
Message-ID: <199611301724.KAA03550@cu.comp-unltd.com>

SRI OM, NO COPY. UR SIGNL TOO WEAK.
Laura
KJ7un

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [5315] GOOD QSL INFO from Ohio/Penn DX Bulletin #280 (fwd)
Message-ID: <Pine.3.89.9611292210.A25379-0100000@netcom3>

This won't answer the question asked by the op who wanted to know if he worked 9Y4VV or 9Y4VU (((I know a lot of people who say if he didn;t copy the call--he didn't really work 'em!!))) ... but if you worked any of the following, this ought to help get you a QSL card.

There was a lot of good stuff to work in the CQWW contests.

The Ohio/Penn Dx PacketCluster

DX Bulletin No. 280

BID: \$OPDX.280

November 25, 1996

Editor Tedd Mirgliotta, KB8NW

Provided by BARF-80 BBS Cleveland, Ohio

Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

QSL ROUTES FOR STATIONS ACTIVE IN THE CQWW DX CW CONTEST.....

(PLEASE report any corrections....)

3C5Z-N6ZZ	FH/F6HWU-F6HWU	OI7T-OH7AAC
3E1DX-KU9C	FS5PL-KF0UI	OI0MEP-OH3MEP
4L5A-IK3HHX	GD4UOL-GD Buro	P40W-N2MM
5N0MVE-ON7LX	HC8N-AA5BT	PY0FF-W9VA
5V7A-GM4AGL	HR6/WA6VNR-WA6VNR	SV5/K7AR-AA6BB
5X4F-K3SW	J3/WJ20-WJ20	TM0ZK-F50ZK
6Y5XX-6Y5XX	J38AA-KQ1F	V2/G6QQ-G6QQ
7Z500-W1AF	J87GU-DL7VOG	V47KP-K2DQX
8P9Z-K4BAI	JW5NM-LA5NM	V47VJ-G4ZVJ
8R1K-OH0XX	KG4ML-WB6VGI	V85HG-JH7FQK
9J2SZ-SP8DIP	KH0DQ-JF1SQC	XX9X-OH2BH
9M6NA-JE1JKL	L75AA-LU4AA	YB1AQS-DK7YY
C21BH- OH2BH	LX4B-LX1TI	ZA1AJ-OK2ZU
C4CQ-5B4AEA	LX/DF0BK-DL8SCG	ZS8IR-ZS6EZ
C6/KM9D-OM2SA	OH0MAM-OH2MAM	
C6A/K3TEJ-K3TEJ	OI2E-OH2IW	

3V8BB - Marienstr. 20a, D-38104 Braunschweig, Germany (US\$2 or 1 IRC)

3DA0NX - NEW route for direct QSLs: Koji Tahara, Embassy of Japan,
P.O. Box 11434, Hatfield, Pretoria 0083 South Africa -or-
via the ZS(ZS6CAX) or JA(JM1CAX) bureau.

4K70DWZ- Box 116, Ktoprak, 81031 Azerbaijan

6Y6A - MasIII H. Kozu, Box 8202 C.S.O. Kingston Jamaica

A45ZN - Tony Selmes, PO BOX 981, Muscat 113, Oman

HS0AC - Jack Fleming, POB 581, Seattle, WA 98111

J6DX - Scott Lehman, PO Box 803, Greenville, OH 45331 w/ SASE or Buro

OH2BH - Martti Laine, Nuottaniementie 3D20, 02230 Espoo, FINLAND.

T88T - Belau DXpedition, Box 88, Morris, OK 74445-0088
ZF2RF - K4UVT (PO Box 231240, Montgomery, AL, 36123-1240

OPDX WORLD-WIDE WEB HOME (provided by John, K8YSE):
http://www.en.com/users/k8yse/opdx.html

Excerpts and distribution of The OPDX Bulletin are granted as long as
KB8NW/OPDX/BARF80 receive credit.

hope this helps...

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
Subject: [5354] HB: ANT: Big Hamstick Mutha BHM:40M: parts:long:1page:Houston
Message-ID: <32A13C1B.220D@wt.net>

As a side project to a planned "antenna day" with trying out my new SLV,
I decided to put together one of them hamstick dipoles, and FOUND AN
EASY WAY.

I used TWO (2) Double Groove Horizontal Mirror Mount brackets by Workman
Electronic Products, Inc. of Delta, Ohio, Part No. BHM-1 (Big Hamstick
Mutha is recommended as the acronym to remember for this part number).
See cruddy ASCII-sketch below.

Anyways, you remove the "extra" u-clamp from each of the 2 units and
mount them back-to-back. Remove the insulator grommet from one of the
units, screw in two hamsticks, plug in a PL-259 with coax into the
connector that still has the insulating grommet still in place, and it's
ready.

Honest, from start to finish, this project was 20 minutes. Brackets
were \$5.95 each, and I picked up another Hamstick "clone" for \$20. from
Pro-Am, a division of Valor Enterprises, Inc, model PHF-40. One side of
the "dipole" is this clone, and the other side is my original Hamstick
that I use on my car (or did until today). The two "halves" make a
solid unit that forms a clamp suitable for mounting to about 3/4" pole

Shouldn't make any difference, but the "clone" stick tunes better by itself on my car than the official "Hamstick". I'd go with 2 clones if I was to do it over.

After that project's success, I was all fired up to erect my completed SLV. Sadly, the results of my variant (straight wire for coil and radiator, twin lead radials, end fed) was pretty poor. With a tuner, I could get the unit to load and reasonable SWR.

I'm inclined to relegate the SLV to the back corner of my garage, and go with the Big Hamtick Mutha..... Resonant, Tunes, Cheap, and is directional to boot. I plan to get a small tv rotor and mount the BHM thing in my attic to cope with Deed REstrictions/Covenants that I joyfully signed when closing on my wife's house choice!

WA8GHZ /5 (ex-kb0pje /5)
 Jack /Houston (ex-Denver, ex-Salimiyah Kuwait, ex-Cleveland)

3/8-24 S0-239

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      hamstick #1      |      ||      |      PL-259 & coax to xmtr
-----|      ||      |-----
      |-----|      |-----|
      ||
      ||
      ||      ..... Qty (2) Workman Electronic #BHM-1
      ||
      ||
      ||||

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      |||
      |||
      //\\
        //  \\
        \\  //
      \\//
        ||
        ||
        ||
        || 3/8-24
-----||-----
|         ||         | hamstick #2
(unused   |         |
S0-239)   |         |-----
          |-----|
          \
          \....(remove 1 insulating grommet here...)

```

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
 From: Mark Burton <rmarkburton@worldnet.att.net>
 Subject: [5318] How can I make an AM Filter ?
 Message-ID: <19961130142337.AAA10455@RMBURTON>

Hello out there!

I have built several cw and ssb receivers. I use surplus Ten-Tec 9 mhz ssb and cw filters to get the proper bandwidth. I would like to convert on of the receivers to listen to short wave broadcasts. The ssb filter filter works, but it does not sound like something you would like to listen to for any amount of time. I have experimented with a few xtal-less options that have quite a bit too much bandwidth. Do any of you folks know some possible circuits I might try to come up with an AM listening filter ? Do you know any surplus outlets (last resort)? The commercial 9 mhz filters are out of my price range. Thank you for your time!

Mark, WB4TGB - Knoxville,TN

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
 From: kd7s@psnw.com (Bill Jones)
 Subject: [5348] Keyer Question
 Message-ID: <199612010216.SAA04954@sierra.psnw.com>

Does anybody know of an iambic keyer that features automatic letter spacing?

=====

Bill Jones - KD7S <><

Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: jerryh@webzone.net (Jerry Henshaw)
Subject: [5317] LDG Electronics Auto Tuner - INSIDE my Sierra
Message-ID: <01BBDE95.12957A20@pm1-ppp18.webzone.net>

Hi Gang,

I have sucessfully installed the new LDG auto tuner INSIDE my Wilderness =
Sierra with KC-2 keyer!!!! It looks and works great!!! It will find a =
match (swr 1.5 or less) is less than two seconds in most cases... it =
even matched my Sierra to my R7 vertical on 80 meters (the R7 is tapped =
for 40 - 10meters).

I mounted the tuner upside down with the torriods facing the left hand =
side of the Sierra (looking from the front panel) and hinged from the =
back panel to allow band module removal. =20

The tuner will go into "sleep" mode (if you place the tuner in the =
semi-automatic mode) after it finds a match. The microprocessor goes =
completly brain dead after the tune and shuts down (an internal latch =
saves the status of the relays during sleep mode). There are NO BIRDIES =
when the mico goes to sleep. If there is enough interest, I may write =
an article with pictures describing my installation.=20

By the way, I have all control functions for the tuner :

- 4 Leds (3 for SWR and 1 for Tuning Satus)
- 5 Switches Pwr, Tune, Auto/Semi, Cap (up/Dn)
- Ind (up/dn).

These controls are installed on the front panel of the Sierra above and =
below the main tuning knob.

This project was like putting together a jigsaw puzzle but it works =
great.

73's es 72's

Jerry Henshaw
KR5L / QRP

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: gsurrency@juno.com (Gary L Surrency)
Subject: [5347] LONG: LDG Electronics Auto Tuner / 56kb X2 USR modems, etc.
Message-ID: <19961130.183625.9758.0.gsurrency@juno.com>

Jerry,

Is this the High power version of the LDG tuner, or the Low power version?

I have an early version of the 100w design, but I haven't replaced the CPU with the newer one that goes to "sleep" after a tune. Yes, mine DOES have

birdies, mostly on the bands above 20m, but I guess I should get the newer

CPU if yours is quiet after a TUNE. Mine is built in the RS cabinet and looks FB. :-)

It works just fine at 3-5 watts, and I haven't even modified my SWR sensor for low power sensitivity.

PS. Please note my new email address. I'm looking for a new ISP, so I'll be using this Juno address until I find an ISP that is any good. THAT could take a while. :^)

On another topic:

Hey, any of you with US Robotics modems. USR is about to release a new modem that will do 56kb on downloads, 28.8 on uploads. Only certain ISPs will be supporting this, since it takes a direct digital phone network to allow this.

This speed will NOT work on an all analog setup between two identical USR modems, since the algorithm to accomplish the 56kb depends on the digital phone network at the ISPs end. It is strickly one-way 56kb from the ISP to you, 28.8/33.6 the other.

I don't know how well this is gonna pan out, 'cuz I can only get 28.8 connects to one of the local ISPs here, mostly I only get 26.4kb. But USR says the key is at the ISPs end, where higher digital speeds are possible because of

the direct analog to digital connections the big ISPs have to the phone network. We will have to wait and see how this all works in the end. :-)

USR calls this X2 technology, and you can read all about it on their web page.

Their URL is <http://www.usr.com> and has a link to another page with more X2 info. About 30 ISPs are gonna support this, if all the beta testing goes well.

I spoke to a technician at Netcom, and he said they are beta testing the X2 modems right now. USR is looking at Jan 1997 for release to the public, since some time has to be given to the ISPs to prepare.

Many USR 28.8/33.6 modems made after Aug 15, 1996 will be upgradeable to the 56kb X2 speed. Check it out on their web page.

Now you all know why I'm waiting to see which ISP I'll go with. :-)
Most of them require you to give advance notice to cancel, so you don't get stuck with another month's charges if you do it too late. Netcom's deadline is the 25th of the month.

Usual disclaimers, I just heard about this myself last week.

BTW, I worked LU5VC on 30m a couple of nights back, with a 15ft high dipole and my ARK30 at 5 watts. :-)

See ya'll later.

Thanks,
Gary Surrency AB7MY
S&S TAC-1 and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Steve Miller <kg7pv@teleport.com>
Subject: [5325] Looking for keyer
Message-ID: <1.5.4.32.19961130162519.00681154@mail.teleport.com>

Hi all,
Some time ago I got some info off the list about a small, inexpensive memory keyer kit. It was not the Atomic keyer, I have that info. \$ was under \$20. Does this ring any bells? Thanks for the help. 73

Steve Miller (CN-85) Norcal #308 QRP-L #109 ARCI # 9230
Norcal 40A es Oak Hills Spirit II es dipole

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5339] P.S. On TT 1202 wattmeter
Message-ID: <Pine.3.89.9611301829.A3079-0100000@w3eax.umd.edu>

I should add that I do, indeed, have a pile of kits to build. This one took 5 hours from start (parts count) until completion of building. Maybe another 15 minutes and it was calibrated.

Yes, I know I sold my 2m xverter kit. I do not think I could have done it in a day, or two, or even three (I'm not a hypocrite, just don't know how much time I'll suddenly have "free" and it's usually small amounts).

P.S. Thanks to Dave Borkowski, AA2GF, for finally building that 2m xverter kit I'd been putting off building for a long time.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [5342] QRP ARCI SPRINT
Message-ID: <19961130.184739.7319.1.n4so@juno.com>

Dec. 1

Source: page 94 copied from QST mag. DEC. 1996

QRP ARCI HOLIDAY SPIRITS HOMEBREW SPRINT

CW, sponsored by QRP ARCI, 2000-2400Z Dec. 1.

CW only. Single band, all band, high band (20,15, 10, 6 meters) or low band (160, 80, 40 meters). Work stations once per band. Exchange RST, state/province/DXCC country, and QRP ARCI number if member (nonmembers send power output).

1.810 3.560 3.710 7.040, 7.110 14.060 21.060 21.110 28.060 28.110 50.060.
Score 5 pts/QSO

w/ARCI number, 2 pts/QSO w/nonmembers in the same continent and 4 pts/QSO w/nonmembers in different continents. Bonus points: add 2000 pts per band

for homebrew xmtr, 3000 pts/band for each Homebrew rcvr, and 5000
pts/band for each
homebrew transceiver used. Final score is QSO points x
states/provinces/DXCC countries worked per band x power multiplier (>5w,
x1, <5w, x7, <1w x10, <250mW
x 15 plus bonus points. Send entries by Jan. 2 to QRP ARCI Contest
Manager, Cam
Hartford, N6GA, 1959 Bridgeport Ave., Claremont CA 91711, or e-mail them
to
CAMQRP@aol.com.

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Pete Rossi <wa3nna@resuba.com>
Subject: [5331] QRP BEACON IS ON NOW - 7021 KHz
Message-ID: <199611301822.NAA16211@resuba.com>

The beacon is on RIGHT NOW! Received about half-dozen reports so far with
correct 200 uW codeword. Conditions must be good.

Give it a try

----- 40 METER QRP BEACON ANNOUNCEMENT -----

START TIME: It's on now .. as of 1800 Z Nov 30. It's been on since
2230 Z Friday.

END TIME : No earlier than 0000 UTC Monday December 2 (7 PM EST
evening of Sunday Dec 1) and may be left on as late as
10-11 PM.

LOCATION : Newtown Square PA FM29hx (about 15 miles west of Philadelphia)

FREQUENCY : 7021 KHz

OUTPUT POWER : Power will cycle through 6 different levels, 2 minutes at

each level, resulting in 5 complete cycles per hour.

----- MINUTES PAST THE HOUR -----					POWER LEVEL
00-02	12-14	24-26	36-38	48-50	2 W
02-04	14-16	26-28	38-40	50-52	200 mW
04-06	16-18	28-30	40-42	52-54	20 mW
06-08	18-20	30-32	42-44	54-56	2 mW
08-10	20-22	32-34	44-46	56-58	630 uW
10-12	22-24	34-36	46-48	58-60	200 uW

Each level represents a 10 dB drop from the higher level.
The 630 uW level inserted between 2 mW and 200 uW represents
the 5 dB mid-point between the two levels.

These times should be very accurate, however, keep in mind that
the power level will not change to the next level until the
previous message has finished sending.

MESSAGE : VVV VVV xx MW <4_letter_code_word> DE WA3NNA/B QRP
Sent at aprox 15 WPM. Unique codeword for each power level.

ANTENNA : 40 meter inverted-vee center @ 50' running north/south

REPORTING : Please send all beacon report to --> beacon@resuba.com

Due to the large volume of e-mail I receive from other
mail lists ** I CAN NOT GUARANTEE RECEIPT OF BEACON REPORTS
SENT TO MY REGULAR E-MAIL ADDRESS **

Also... please do not send any mail to QRP-L containing
the codewords.

PLEASE ** PLEASE include a separate text block with your report
containing the following information for the lowest power level
copied:

YOUR CALL
YOUR NAME
YOUR LOCATION (If different than callbook server address)
CODEWORD & POWER LEVEL
DATE/TIME
SIGNAL REPORT

Detailed signal reports, receiver and antenna info, etc are
very much appreciated but PLEASE ** PLEASE do not bury your
codeword reports inside a lot of lengthy text. It takes

forever to extract the information that way.

CERTIFICATES : Certificates acknowledging the lowest power level at which you correctly copy the codeword will be available. Details will be posted with the summary report. Jerry, W4UK, who produced the certificates for the last two beacons, has something extra special planned for this session.

Good luck & 73,

Pete Rossi - WA3NNA QRP-L #459
wa3nna@resuba.com
beacon@resuba.com

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5338] Report on Model Ten-Tec 1202 wattmeter (built!!!)
Message-ID: <Pine.3.89.9611301814.B3059-01000000@w3eax.umd.edu>

I had a few extra hours today...built the 1202 wattmeter, covering 2m and HF-6m.

It's solid. It's black and about 25 ounces. The meter is nice and readable (two watt scales, plus SWR). The kit contains four (yes, FOUR) SO-239s, two LM-358s, a mess of pots, a few switches, and various other caps and resistors. You have to wind a single toroid, which is actually constructed (by you) of two different toroids to balance out the performance. It will run on external 9-14 VDC or a 9V battery (cap included!).

One switch (an SPDT center-off) was bad in one direction; I'll be calling TT about a replacement when the group purchase is made.

On VHF, I couldn't get it to read anything for a couple of minutes; that was on both scales, independent of SWR/Power, so I suspect THAT was the other switch (there's a separate amplifier for each power scale/direction combination). Then it suddenly started working, and has continued to do so...hmmm...

Once calibrated to my HM-2140, it was rock solid - 10 watts on the 200 watt scale = 10 watts on the 20 watt scale. I calibrated the VHF side with my Alinco mobile rig (5/50 watts).

I have yet to try adjusting the HF low scale for 2 watts full scale, but I've heard it can be done.

The 2m side uses a monimatch stripline (actually, a pair of them). There are four germanium diodes used in the project, and if you can match two, and use them for the VHF side, the accuracy will apparently be considerably better than the worst-case spec (+/- 10% full scale).

The manual was flawless and very easy to follow, as with other T-kits.

When turned on, no signal present, it drew 900 MICROamps.

I plan to use this particular unit for 6m and 2m. With 6m E-skip season coming (eventually) I think it will be nice to have...

The meter fits between the subassembly and the front panel, and I'm investigating backlighting the meter with a couple of LEDs. Unfortunately, this bumps it up to 15 mA :) so maybe I'll just leave it alone.

Price - \$49. With the group buy, it comes down to \$44, no shipping chg., which is a STEAL for a meter that accurately measures from 160 - 2 meters, up to 200 watts.

DO NOT FORGET! I am the East Coast hub for the QRP-L TT group purchase.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: cderisio@sprynet.com
Subject: [5335] smallest qrp transmitter?
Message-ID: <199611301945.LAA18368@m4.sprynet.com>

* I would like to know what is the smallest qrp cw transmitter known.
* Is there any historical record?

Vy 73's

Marcelo G, De Risio
N2YHQ ex DA4DS, LU1BSM
cderisio @ sprynet.com
<http://home.sprynet.com/sprynet/cderisio>

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [5340] Ten Tec rcvr info
Message-ID: <Pine.SUN.3.91.961130171436.19277A-100000@kitsune.swcp.com>

I heard some one mention Ten Tec rcvr kits. Maybe it was Steve, K8IDN.
Wondering if T.T. has a 10m rcvr kit out yet? I sure hope they do,
because I'm building a 1 watt transmitter. Thanks, Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
Subject: [5319] TEN-TEC WEB PAGE
Message-ID: <Pine.3.07.9611300930.A5914-7100000@login>

Hello Gang,

The TEN-TEC Web page is at: <http://www.mvangel.com/ten-tec>

Sorry.

Steve K8IDN QRP-L #331

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [5352] Thank you for answers about auto letter spacing
Message-ID: <199612010338.TAA08569@sierra.psnw.com>

Thank you for answering my question about which keyer might have automatic
letter spacing. I have a friend in Idaho who is the best keyer operator
I've ever heard and he is using a CMOS Super Keyer II. I suspected it had
letter spacing but you've confirmed it. Again, thank you.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [5345] To /QRP or not to /QRP
Message-ID: <199612010118.UAA16663@alaska.magpage.com>

Hi Joel,

>

>BTW: I almost never sign /qrp unless I am at a known QRP stomping ground.
>I just don't see the point. Am I missing something? Does anyone (i.e. DX)
>care or need to know that you are QRP?

>

>/joel wa1qvm (concord, ma.)

If I hear the /QRP suffix, I'll do whatever I can to call the station back, even if it's in the middle of kit building or an EIB broadcast. And I'll even go without lunch if it's /M or /MM and /QRP. For me it's a drop everything, answer the guy/gal's 2nd or 3rd unanswered CQ.

72, Jim K3QIO Delaware Site of the 1997 Delaware Auto-Answer WAS
Server, 7044.05 +/- 2 Hz, 15 WPM +/- 1%.

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: w0rw@kkktv.com
Subject: [5326] UK LF Activity
Message-ID: <TCPSMTP.16.11.30.9.40.26.2240783031.2772065@kkktv.com>

Subject: UK LF Activity Report

Dear Paul,

George copied your question about 73kHz activity to the GQRP-L discussion list, so I am sending a copy of this reply to that forum as well as direct to yourself.

I have a list of the original applicants for the Notice of Variation (called an NoV over here) which allows each licensee to operate on the new band. It is not available to every licensee over here yet.

Myself and Peter, G4IZH have carried out some experiments but the results with what you would call "real" RF have been disappointing.

We live less than a quarter of a mile away and the signal with 10W was VERY weak. Also, getting amplifiers to work and generating any ERP was very difficult. Most ferrite materials drop off in efficiency considerably below 100kHz and by 73kHz they are useless. I've not yet found a source of ferrite material that works this low.

Aerials are also a source of difficulty. Receive is not too bad, an ASTU (aerial system tuning unit) made from a couple of old LW coils on a ferrite rod and a capacitor make a very good little unit to load many lengths of wire and will even work as an aerial in its own right.

Transmitting is another matter. Peter and I gave up trying to "load" the antennas and came to the conclusion that it was best just to get as many volts on the bottom of a vertical as possible. The Power limit is 1 Watt ERP, which with the inefficiencies of any practical amateur aerial is not a limiting factor, even without counting ground losses the calculated losses of a 10M or even a 20M vertical would be considerably less than 1% !!!!! Someone has calculated that to transmit a signal to a reasonable distance, but not out of the UK, would need the output of one of my local power stations (Ferrybridge at 2000MW - That's four generators each running flat out at 500 Mega Watts).

However, all is not doom and gloom. Remember I said that the experiments mentioned above were with "Real" RF? Well, the magnetic radiation from loop antennas from about 10W transmitters will penetrate rock to some 250 metres depth and many experiments on 87.5kHz (the Caving frequency over here) have already been carried out. You can also DF and determine distance below ground using a frame loop antenna. There are also plans to experiment with earth induction techniques and, possibly, using very narrowband data techniques. The band is very narrow so only CW or possibly a single SSB channel is possible at the moment.

I'll finish at this point as this message could go on for quite a while (what do you mean it has already ? HI HI). If you would like to have the EMail addresses of some of the other LF experimenters or more information, please drop me a line. This goes for other G-QRP List readers as well.

Regards - Dave (G0DJA)
Dave.Ackrill@westwood45.powergen.co.uk

Who ever said this was going to be easy? (RW)

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: GARY MCCAUGHEY <MAIL4GARY@worldnet.att.net>
Subject: [5343] Worth of FT-757 "SX" version??
Message-ID: <19961201010537.AAA15301@LOCALNAME>

Thanks for reading. I have an opportunity to purchase a FT-757 SX and want to know what it is worth. It is not mint....but in good condx with a few scratches. Electronically sound. Comes with the manual and a microphone. This is the Japanese 10 watt version of the well known FT-757.

Comments?? What is it worth? Not to many of these around!!!
73 from Gary - W2UX
CW is the REAL THING!
QRP-L #593
QRP ARCI #8911

From owner-qrp-l@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [5329] Z-Match Selectivity
Message-ID: <199611301810.NAA32715@mh004.infi.net>

Well, Gang, I've screwed up again,

Within the last week or so there was a nice, long post from someone (maybe European) talking about building a neat xceiver. In this post, he mentioned using a Z-Match tuner, and made the statement that the Euorpean BC QRM was way down, possibly "because of the selectivity of the Z-Match".

Now I meant to save this post and follow up, since I'm in the middle of analyzing tuner characteristics. But, I lost the post.

So, I appeal to you, the experts and the experienced. What do you know about tuner selectivity?

CUL,
Bob Kellogg, AE4IC
Probably, but not necessarily. - Benny Hill

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Bob Edwards <rbe@atlanta.com>
Subject: [5320] Re: 40-meter Loops: which way is up?
Message-ID: <32A083AB.2EAB@atlanta.com>

Mike Rhodes, W8DN wrote:

>
> ...I want to put up a Delta loop for
> 10mHz with the apex near the top of my tower
> ... I would like to feed it at the apex

Mike, my understanding of loop feedpoints is that the top apex is a very desirable feedpoint location because it raises the effective height of the loop vs lower feedpoints.

Also believe it to produce horizontal polarization. However, as the base extends outward from the tower, the nature of polarization shifts from pure horizontal to mixed polarization. Would suggest the feedpoint be extended outward(downward) from the tower for a few feet to reduce any influence of the metal tower.

My 30 mtr loop (now retired) was badly skewed, fed at a lower corner via 300 ohm twin lead/ATU, approx 40 feet high, made of a small gauge stealthy magnet wire, nearly in a vertical plane, and good enough for a 449 from VK6WT with 3 watts in Mar'95. Needless to say, I favor full wave loops.

72/73, Bob (p.s. nice CW call, W8DN)

W4ED x_AE4CA nr Atlanta @EM73wt"QRP", more from less....

AKQRP ARCI ARQRP ARRL ARS CQC LMARC MIQRP NorCAL QRP-L, EI-E-I-OWE
:EMPS QS0s=43 STATES=22/3 DX=??

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [5330] Re: 40-meter Loops: which way is up?
Message-ID: <Pine.LNX.3.91.961130101502.2004A-100000@dt1.datatamers.com>

LB,
My delta loop is vertically polarized as mentioned in the first sentence
of my first posting.
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [5327] Re: Deliberate QRM on 30M
Message-ID: <19961130173434.AAA19193@LOCALNAME>

At 03:21 PM 11/30/96 +0000, you wrote:

>Gang:

>

>My ears are still ringing from a strange/unsettling situation on 30
>metres.

>

>I was just now on the very low end of 30 metres, trying to return CQ's
>from both SM3VDW and a couple of minutes later, OH1LHS. Was not able to
>connect with either station, unfortunately.

>

>But as I was amaking my attempts, suddenly a fairly strong signal broke
>right on top of me, saying something about "Get off the frequency.
>You'll never through with that..."

>

>I was stunned, and quickly typed "QRU?". Of course he did not reply. Now
>this could have been some local ham just joking around. But none of the
>guys I know here locally work 30 as far as I know, and they would have
>far stronger than 579, I guess.

>

>The guy might have convinced me, except that I *had* gotten out last
>evening to PY0F/PP1CZ and RK0QXY on 30 (OHR 40/20 Classic at 4 watts)
>--plus a Cuban somewhat later on 40 (with the Norcal 40). Guess that's
>getting out, somewhat!

>

>Anybody else encountered this kind of unnecessary, rude--illegal,
>even--behviour?

>

>Note: Just because I am paranoid doesn't mean this episode *didn't*
>occur!

>

>72/73,

>--Doc/K0EVZ

>

>

>Doc, I have been having loads of the same problem on 30 meters. It may be
the same station. I have had him tune up for long periods, then call CQ ten
or twelve times, and never give his call. I try to ignore him, and
eventually he will quit when he does not get the attention he wants.

I have had some similar problems on 40 meters, but not as often or as
consistent. The one thing I have noticed about 30 meters is that if you use
/QRP, you can almost count on hearing from him. It appears he just loves to
QRM QRP stations.

The best solution is to ignore him. Its not easy, but I am sure it's the
attention that he wants.

73 and CUL

Jim, K5ROV

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996

From: "duane" <duane@flinet.com>

Subject: [5332] Re: Deliberate QRM on 30M

Message-ID: <199611301831.NAA03896@shell.flinet.com>

I've had the same thing happen to me on 30 meters. probly the same guy..

Duane AB4BE

<http://www.flinet.com/~duane>

duane@flinet.com

ab4be@amsat.org

> From: James Parsons <k5rov1@worldnet.att.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: Deliberate QRM on 30M
> Date: Saturday, November 30, 1996 12:34 PM
>
> At 03:21 PM 11/30/96 +0000, you wrote:
> >Gang:
> >

> >My ears are still ringing from a strange/unsettling situation on 30
> >metres.
> >
> >I was just now on the very low end of 30 metres, trying to return CQ's
> >from both SM3VDW and a couple of minutes later, OH1LHS. Was not able to
> >connect with either station, unfortunately.
> >
> >But as I was amaking my attempts, suddenly a fairly strong signal broke
> >right on top of me, saying something about "Get off the frequency.
> >You'll never through with that..."
> >
> >I was stunned, and quickly typed "QRU?". Of course he did not reply. Now
> >this could have been some local ham just joking around. But none of the
> >guys I know here locally work 30 as far as I know, and they would have
> >far stronger than 579, I guess.
> >
> >The guy might have convinced me, except that I *had* gotten out last
> >evening to PY0F/PP1CZ and RK0QXY on 30 (OHR 40/20 Classic at 4 watts)
> >--plus a Cuban somewhat later on 40 (with the Norcal 40). Guess that's
> >getting out, somewhat!
> >
> >Anybody else encountered this kind of unnecessary, rude--illegal,
> >even--behviour?
> >
> >Note: Just because I am paranoid doesn't mean this episode *didn't*
> >occur!
> >
> >72/73,
> >--Doc/K0EVZ
> >
> >
> >Doc, I have been having loads of the same problem on 30 meters. It may
be
> the same station. I have had him tune up for long periods, then call CQ
ten
> or twelve times, and never give his call. I try to ignore him, and
> eventually he will quit when he does not get the attention he wants.
>
> I have had some similar problems on 40 meters, but not as often or as
> consistent. The one thing I have noticed about 30 meters is that if you
use
> /QRP, you can almost count on hearing from him. It appears he just loves
to
> QRM QRP stations.
>
> The best solution is to ignore him. Its not easy, but I am sure it's the
> attention that he wants.
>

> 73 and CUL
>
> Jim, K5ROV
>
>

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Kevin Bunin <p014455b@pbfreenet.seflin.lib.fl.us>
Subject: [5333] Re: Deliberate QRM on 30M
Message-ID: <Pine.3.89.9611301336.A16789-0100000@pbfreenet.seflin.lib.fl.us>

Unfortunately, I have encountered the same thing on 40 meters on a few occasions, but never on 30 meters.

Ignoring the station is good advice. No attention, no acknowledgement, and the station usually quits.....73

de WV5Z

Kevin Bunin
p014455b@pbfreenet.seflin.lib.fl.us

On 30 Nov 1996, W. D. (Doc) Lindsey wrote:

> Gang:
>
> My ears are still ringing from a strang> connect with either station,
unfortunately..... >
> Anybody else encountered this kind of unnecessary, rude--illegal,
> even--behviour?
>
> Note: Just because I am paranoid doesn't mean this episode *didn't*
> occur!
>
> 72/73,
> --Doc/K0EVZ
>
>

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Joel Malman <malman@BBN.COM>
Subject: [5334] Re: Deliberate QRM on 30M

Message-ID: <199611301917.0AA210671@nss2.CC.Lehigh.EDU>

Doc,

I have not had the pleasure of meeting up with this guy! Hope I never will. I love Laura's suggestion, but I think in the long run the best solution will be to just ignore him. I work 2 meter mobile (sorry, no HF in the car yet) and on occasion we have these jokers around. When everyone just ignores him he goes away.

BTW: I almost never sign /qrp unless I am at a known QRP stomping ground. I just don't see the point. Am I missing something? Does anyone (i.e. DX) care or need to know that you are QRP?

/joel wa1qvm (concord, ma.)

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [5341] Re: Deliberate QRM on 30M
Message-ID: <Pine.SUN.3.90.961130162817.8747D-100000@vortex.sage.dri.edu>

On Sat, 30 Nov 1996, Joel Malman wrote:

> BTW: I almost never sign /qrp unless I am at a known QRP stomping ground.
> I just don't see the point. Am I missing something? Does anyone (i.e. DX)
> care or need to know that you are QRP?

I do sign /qrp most of the time. I think it lets the other station know why you are so weak and might be just enough to get him to reply.

When calling cq I also sign /qrp for the same reason.

I have never noticed any more rudeness when running qrp. QRM comes and goes, I just try not to let it worry me. I can always turn the radio off and do something else if it gets too bad.

Just my 2 cents worth.... cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Craig LaBarge <74740.3166@CompuServe.COM>
Subject: [5322] Re: Half wave antennas and the Rainbow
Message-ID: <961130152651_74740.3166_EHB90-1@CompuServe.COM>

Joe Everhart <n2cx@voicenet.com> wrote:

>> As a single band antenna, it is very simple!

The other neat thing about the 66' end-fed wire that I really like is that it is also a multiple of a halfwave on the higher bands also, 20M, 15M and 10M. So, it provides a similar high-impedance on those bands also, making it an easy-to-match multi-band antenna.

73, Craig WB3GCK

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [5351] Re: Keyer Question
Message-ID: <2.2.16.19961130201417.2a1f2358@popd.ix.netcom.com>

At 18:16 30-11-96 KD7S wrote:

>Does anybody know of an iambic keyer that features automatic letter spacing?

>=====

>Bill Jones - KD7S <><

>Sanger, California

>Reply to kd7s@psnw.com

>=====

>

Yes, the Super CMOS II and III keyers both do.. The 'A' parameter turns it on and off..

In fact, an iambic keyer that I built in 1969 from a QST article has letter and WORD spacing! If you wait longer than a normal letter-space, it locks out the start of the next character for a word space.. It uses 11 RTL IC's.. Still works, too..

73 -- Glenn

Another month ends... All targets met, all systems working, all customers satisfied, all staff eager and enthusiastic. All pigs fed and ready to fly.

AE0Q / V31RY
v31ry@ix.netcom.com

ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
-- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Roger Hightower <rhight@primenet.com>
Subject: [5323] Re: LDG Electronics Auto Tuner - INSIDE my Sierra
Message-ID: <32A054D2.78FA@primenet.com>

Jerry Henshaw wrote:

>
> Hi Gang,
>
> I have sucessfully installed the new LDG auto tuner INSIDE my Wilderness Sierra
with KC-2 keyer!!!!
> (snip) If there is enough interest, I may write an article with pictures
describing my installation.
>
Yes! Write it up, please. I've been trying to convince myself that I
need one, but sure would enjoy reading about your success.

72/73 de Roger N7KT
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [5346] Re: smallest qrp transmitter?
Message-ID: <199612010118.UAA16665@alaska.magpage.com>

Marcelo,

At 11:45 AM 11/30/96 -0800, you wrote:
>* I would like to know what is the smallest qrp cw transmitter known.
>* Is there any historical record?
>

Since your not specifying frequency, the 'spy' skin implant transmitters of
the late 1980's probably win the size catagory, and are tweakable to the 440
MHz hamband. There are references to these items in the internet and are
usually worn under/in a standard size bandaid. (No O.J. jokes please) Ask
any Old Crow.

These are pressure activated to avoid pass-through/entry detection (no

continuous carrier output like a "bug") and the operator merely taps on the false skin patch or bandaid to TX.

Name withheld :)

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [5344] Re: Ten Tec rcvr info
Message-ID: <Pine.3.07.9611302025.A9747-a100000@login>

Hello Tom et al,

Yes, The Ten-Tec "Any Band" direct conversion receiver can be built for 10 meters. It is a direct conversion affair that can't be beat for the price (29.00 regular price). The kit comes with components to put it on any band from 160 to 10. The kit is a bare bones affair. You must supply box, knobs, jacks, etc. Incidentally it will fit nicely in their TP-45 enclosure or you can use one of the Radio Shack plastic boxes. I recently built one and set it up for 40 meters. The performance is astounding for the price.

73, Steve K8IDN

On Sat, 30 Nov 1996, Thomas J. Whalen wrote:

> I heard some one mention Ten Tec rcvr kits. Maybe it was Steve, K8IDN.
> Wondering if T.T. has a 10m rcvr kit out yet? I sure hope they do,
> because I'm building a 1 watt transmitter. Thanks, Tom WB5QYT
>

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5350] Re: Ten Tec rcvr info
Message-ID: <Pine.3.89.9611302146.A3299-0100000@w3eax.umd.edu>

They make an any-band receiver kit for \$29. All the parts for all the bands, you pick the one you want.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

On Sat, 30 Nov 1996, Thomas J. Whalen wrote:

> I heard some one mention Ten Tec rcvr kits. Maybe it was Steve, K8IDN.
> Wondering if T.T. has a 10m rcvr kit out yet? I sure hope they do,
> because I'm building a 1 watt transmitter. Thanks, Tom WB5QYT
>
>

From owner-qrp-1@Lehigh.EDU Sat Nov 30 23:12:34 1996
From: Larry Makoski <n2elw@worldnet.att.net>
Subject: [5349] Re: To /QRP or not /QRP
Message-ID: <32A0F3B2.1348@worldnet.att.net>

Jim Hydzik wrote:

>
> Hi Joel,
> >
> >BTW: I almost never sign /qrp unless I am at a known QRP stomping ground.
> >I just don't see the point. Am I missing something? Does anyone (i.e. DX)
> >care or need to know that you are QRP?
> >
> >/joel wa1qvm (concord, ma.)
>
> If I hear the /QRP suffix, I'll do whatever I can to call the station back,
> even if it's in the middle of kit building or an EIB broadcast. And I'll
> even go without lunch if it's /M or /MM and /QRP. For me it's a drop
> everything, answer the guy/gal's 2nd or 3rd unanswered CQ.
>
> 72, Jim K3QIO Delaware Site of the 1997 Delaware Auto-Answer WAS
> Server, 7044.05 +/- 2 Hz, 15 WPM +/- 1%.

I agree with Jim, I'll always sign /QRP and answer anyone else who does

the same. It seems to me that there are a lot of people out there who are a tad on the lazy side (?); and don't like to bother with weak signals. Signing /QRP is more likely to get a response as they get it in their heads that you might actually hear them if they answer you; and that your signal is weak for a reason.

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73 de Larry N2ELW

ARRL Life Member QRP ARCI #4488 AMSAT #26430 FIST #1469

QRP-L #778 --- " QRP is NOT for sissies !! " ---